

Converting Colors

Hex(636663)

Have a look what the booklet for
Hex(636663) contains.

Hex(636663)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

Hex(636663)

Conversions

Conversions Part 1

Format	Color
Hex	636663
RGB	99, 102, 99
RGB Percent	39%, 40%, 39%
CMY	0.6118, 0.6000, 0.6118
CMYK	0.03, 0.00, 0.03, 0.60
HSL	120°, 1%, 39%
HSV	120°, 3%, 40%
XYZ	12.1491, 13.0562, 13.6842
YIQ	100.7610, -0.8250, -1.5690

Conversions

Conversions Part 2

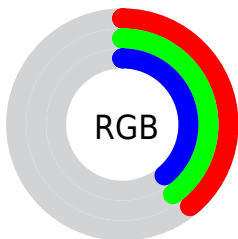
Format	Color
R_{YB}	99, 102, 102
Decimal	6514275
CIE _{Lab}	42.85, -1.79, 1.28
CIE _{LCh}	43, 2.199, 144.360
Yxy	13.0562, 0.3124, 0.3357
Android (android.graphics.Color)	4284704355 (0xFF636663)
YUV	100.7610, -0.8682, -1.5444
Hunter-Lab	36.1334, -3.2167, 2.8396

Details

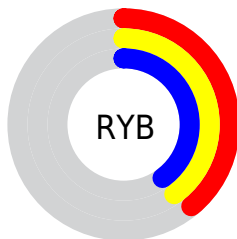
The Hex color **636663** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **666366**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **969996**, and **353735** is the 20% darker color. If you saturate the color by 10%, you get **596659**, and if you desaturate by 10%, it is **6D666D**.

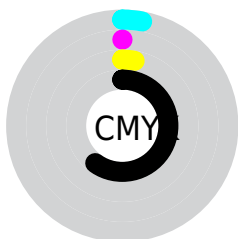
Distribution



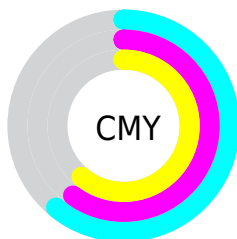
- Red (39%)
- Green (40%)
- Blue (39%)



- Red (39%)
- Yellow (40%)
- Blue (40%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (60%)



- Cyan (61%)
- Magenta (60%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 636663 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 636663 by changing the saturation by 10% instead.

636663

636663

FFFFFF

4B4E4B

969996

353735

B0B4B0

1F221F

CCCFCC

070C07

E8EBE8

000000

636663

636663

596659

6D666D

4F664F

776677

446644

826682

■ 3A663A

■ 8C668C

■ 306630

■ 966696

■ 266626

■ A066A0

■ 1C661C

■ AA66AA

■ 116611

■ B566B5

■ 076607

■ BF66BF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



656662



636663



616665

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



636663



636569



696464

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



636663



666366

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



696466



636663



656568

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



636663



616668



676467



696462

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



636663



616666



676467



696464

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



636663



838583



666663



424242



C2C2C2

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



636663



7F857F



636665



303330



007300



00F200

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



666366



857F85



666365



333033



730073



F200F2

Previews

White Background



This preview shows how the Hex color 636663 looks on a white background.

Color Contrast Check

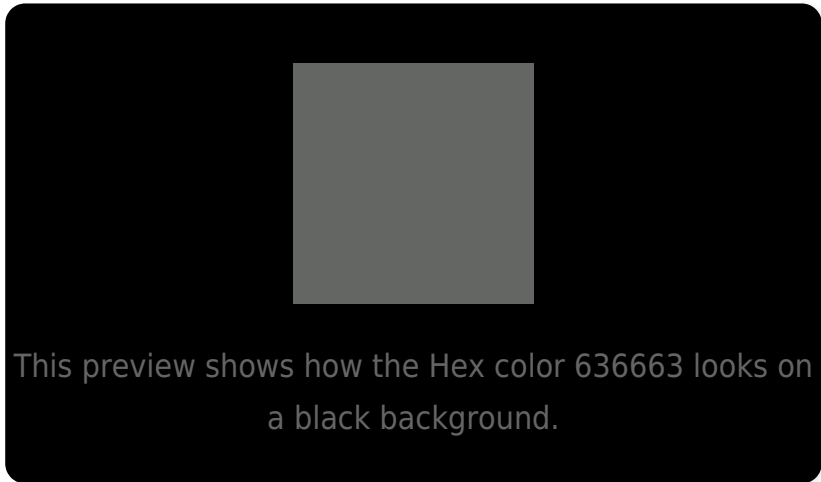
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

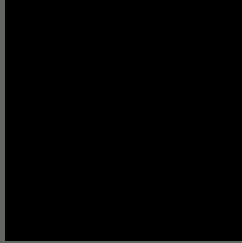
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

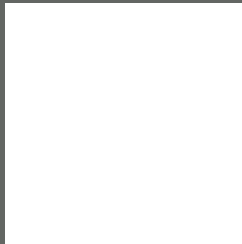
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 636663 Background



This preview shows how black text looks on a background with the Hex color 636663.



This preview shows how white text looks on a background with the Hex color 636663.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
636663

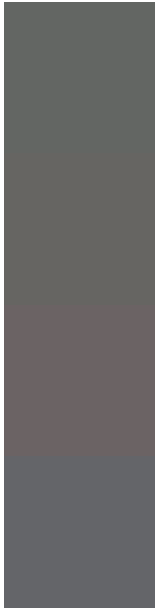
Protanopia
686562

Deuteranopia
6F6264



Tritanopia
64656D

Trichromacy



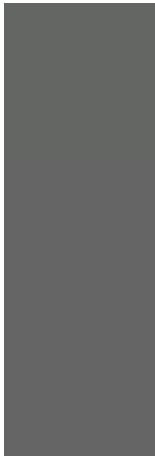
Original Color
636663

Protanomaly
666562

Deuteranomaly
6B6364

Tritanomaly
646569

Monochromacy



Original Color
636663

Achromatopsia
656565

Achromatomaly
646564

CSS Examples

Text

The CSS property to change the color of the text to Hex 636663 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #636663 looks like.

```
.text, #text, p{  
    color:#636663  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #636663 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #636663
}
```

Border

The CSS property to change the border of an element to Hex 636663 is called "border". The border property can be set on classes, ids or directly on the HTML element.

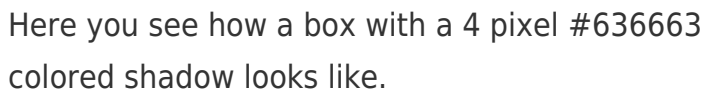
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#636663 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#636663 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #636663 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #636663; -webkit-box-shadow:4px 4px  
4px 4px #636663; box-shadow:4px 4px 4px  
4px #636663 }
```

Background

The CSS property to change the background color of an element to Hex 636663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#636663 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#636663 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor